

Radio **AMATEUR** Call Book Magazine

\$4⁰⁰
Foreign
\$4²⁵



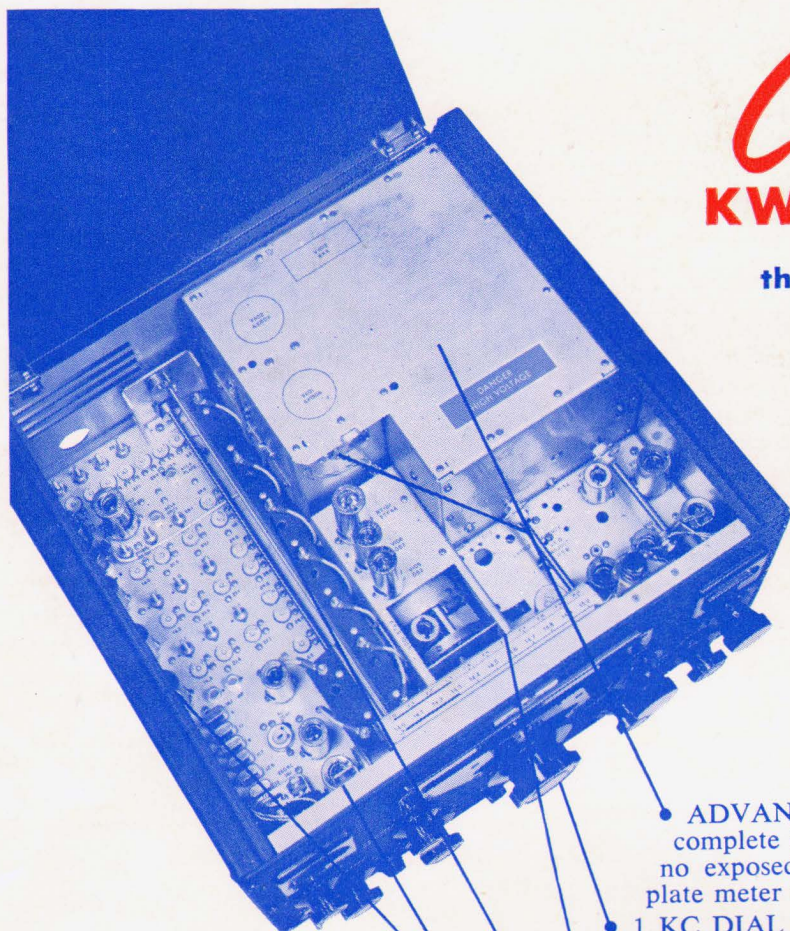
FALL 1955

exclusive

in the Amateur Field . . .

Collins **KWS-1 TRANSMITTER**

the finest kilowatt in Amateur
SSB history owes its fast-grow-
ing reputation to features
such as these—exclusive
with Collins:



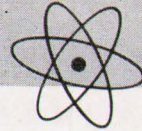
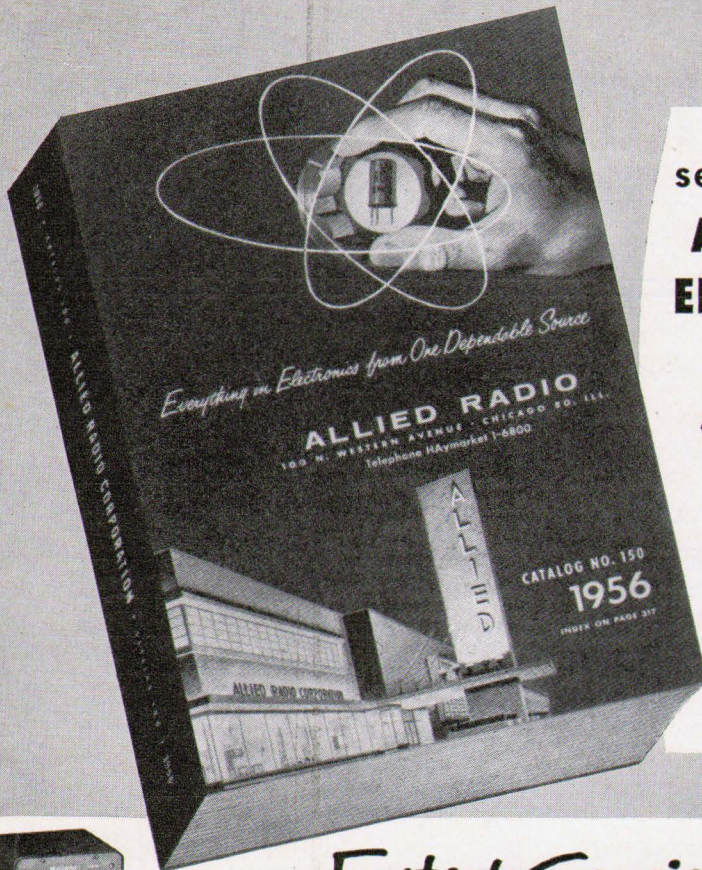
- ADVANCED SAFETY MEASURES include complete interlocking of the high voltage circuits, no exposed high voltage in RF cabinet, and p.a. plate meter in B— lead.
- 1 KC DIAL DIVISION on all bands — 80 through 10 meters.
- SPECIAL SIDEBAND GENERATION utilizing Mechanical Filters provides 60 db sideband suppression.
- PERMEABILITY TUNED CIRCUITS allow effective spurious suppression.
- DUAL CONVERSION, with stability comparable to the famous 75A Receivers, makes the KWS-1 as stable on 10 meters as it is on 80.
- UNPRECEDENTED COMPACTNESS with all controls necessary for tuning and operating in one receiver-size cabinet.
- NO P.A. BANDSWITCH. Network for continuous tuning from 3.5 to 30 mc with constant L/C ratio over entire range.



Write or visit your nearest Collins distributor for complete information on Collins new SSB Amateur line, and ask for your copy of this latest brochure.

COLLINS RADIO COMPANY, Cedar Rapids, Iowa





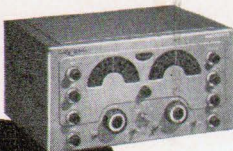
send for the most widely used
**AMATEUR & INDUSTRIAL
ELECTRONIC SUPPLY GUIDE**



**ALLIED'S 1956
COMPLETE 324-PAGE
CATALOG**

Fastest Service in Electronic Supply

Send for the 1956 *complete* ALLIED Catalog. You'll want it handy always—to fill *all* your station needs—to provide you with *everything* in Electronic Supplies—at the lowest prevailing prices. Your ALLIED Catalog features the largest and latest selections of receivers, transmitters, electron tubes, transistors, test instruments, Hi-Fi systems and components, recorders, radio and TV parts and accessories, and industrial electronic equipment. Save time, effort and money—fill all your electronic supply needs from your 1956 ALLIED Catalog.



**Everything in
STATION GEAR**



**you get every buying advantage
at ALLIED**

- World's Largest Amateur Stocks
- Highest Trade-in Deals
- Most Liberal Time Payment Plan
- Fastest Service in Electronic Supply
- Ham-to-Ham Personal Help



send for **free** catalog

ALLIED RADIO

100 N. Western Ave., Dept. 28-J-5, Chicago 80, Illinois
ultra-modern facilities to serve you best

Send for our lists of Top Buys in Reconditioned Ham Gear

Everyone's trading high with ALLIED these days, and we have on hand outstanding buys in exceptionally fine reconditioned Ham Gear. Ask for our lists of money-saving, top-condition equipment.

RADIO AMATEUR CALL BOOK

MAGAZINE

NOTICE

The entire contents of this publication is copyrighted by the Radio Amateur Call Book, Incorporated, Chicago, Illinois, U.S.A.

Permission to use the names and addresses of the licensed radio amateurs listed in this book are restricted to our advertisers and authorized distributors unless permission is granted in writing.

All reservations and copy instructions for bold face listings must be mailed to Radio Amateur Call Book, 608 South Dearborn St., Chicago 5, Illinois, U.S.A., on or before the fifteenth of January, April, July and October or the first insertion in the Spring, Summer, Fall and Winter issues, respectively. Payable in advance.

W9TRD.

VOLUME 33 NUMBER 3

Copyright 1955 by

RADIO AMATEUR CALL BOOK
(Incorporated)

608 South Dearborn Street
CHICAGO 5, ILLINOIS, U. S. A.
PHONE WABASH 2-1903

Representatives
CLEVELAND, OHIO

JAMES C. MUNN
2253 DELAWARE DRIVE, CLEVELAND 6
PHONE ERIEVIEW 1-1726

NEW YORK, N. Y.
HERBERT J. OSLOW
SUITE 3951, GRAND CENTRAL TERMINAL
NEW YORK 17, N. Y.
PHONE MURRAY HILL 6-4670

Editor
MRS. CHARLES O. STIMPSON

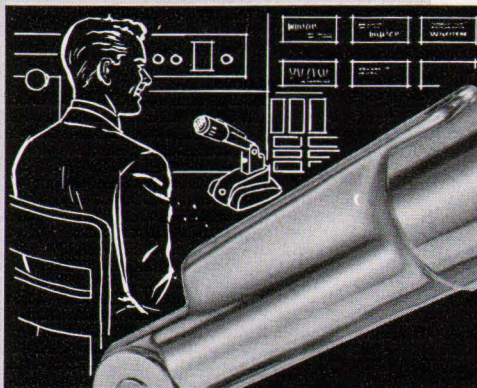
Founder and Publisher
CHARLES O. STIMPSON
W9TRD

RADIO AMATEUR CALL BOOK MAGAZINE is published quarterly on the 15th of March, June, September and December. Single copies in the United States and Possessions, \$4.00. Two copies a year as selected, \$3.75 each. Annual subscription \$14.00. Single copies in Canada and all foreign countries \$4.25 each. Annual subscription \$15.00. Foreign edition, single copies \$2.00. Annual subscription \$7.00. The foreign edition is obtainable by mail only. Entered as second class matter February 9, 1946, at the Post Office at Chicago, Illinois, under the act of March 3, 1879.

C O N T E N T S

A. R. R. L. COUNTRIES LIST	4
INTERNATIONAL RADIO AMATEUR PREFIXES arranged alphabetically by prefix	6
RADIO AMATEUR PREFIXES, arranged alphabetically by country	8
POSTAL INFORMATION, showing postage rates to foreign countries	10
GREAT CIRCLE MAP CENTERED ON THE CENTER OF THE USA	12
WORLD MAP showing radio amateur prefixes	14
FIRST CALL AREA	17
Includes the States of Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island and Vermont.	
SECOND CALL AREA	29
Includes the States of New Jersey and New York.	
THIRD CALL AREA	80
Includes the States of Delaware, Maryland, Pennsylvania, and the District of Columbia.	
FOURTH CALL AREA	107
Includes the States of Alabama, Florida, Georgia, Kentucky, North and South Carolina, Tennessee, Virginia and the territories of Puerto Rico and the Virgin Islands.	
FIFTH CALL AREA	146
Includes the States of Arkansas, Louisiana, Mississippi, New Mexico, Oklahoma and Texas.	
SIXTH CALL AREA	181
Includes the State of California, the Territory of Hawaii and those Pacific Possessions not assigned to the seventh call area.	
SEVENTH CALL AREA	230
Includes the States of Arizona, Idaho, Montana, Nevada, Oregon, Utah, Washington, Wyoming, the territory of Alaska and adjacent islands.	
EIGHTH CALL AREA	255
Includes the States of Michigan, Ohio, and West Virginia.	
NINTH CALL AREA	287
Includes the States of Illinois, Indiana and Wisconsin.	
TENTH CALL AREA	320
Includes the States of Colorado, Iowa, Kansas, Minnesota, Missouri, Nebraska, North Dakota and South Dakota.	
FOREIGN RADIO AMATEUR STATIONS, arranged alphabetically by prefix	353
GREAT CIRCLE BEARINGS IN THE UNITED STATES	526
INTERNATIONAL "Q" SIGNALS	528
GREAT CIRCLE BEARINGS TO VARIOUS WORLD WIDE METROPOLITAN AREAS	530
ARRL PHONETIC ALPHABET	531
WORLD TIME CONVERSION CHART	532
STANDARD TIME THROUGHOUT THE WORLD	534
FEDERAL COMMUNICATIONS COMMISSION EXAMINATION POINTS	535
GREAT CIRCLE BEARINGS CENTERED ON CHICAGO, ILLINOIS	536
GREAT CIRCLE BEARINGS CENTERED ON NEW YORK CITY	538
GREAT CIRCLE BEARINGS CENTERED ON LOS ANGELES, CALIFORNIA	540
GREAT CIRCLE MAP CENTERED ON SAN FRANCISCO, CALIFORNIA	542

If you operate 'phone YOU WON'T BE SATISFIED UNTIL YOU OWN



the completely new
664 VARIABLE D*
CARDIOID
DYNAMIC MICROPHONE



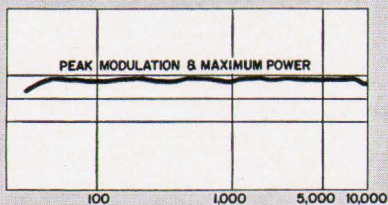
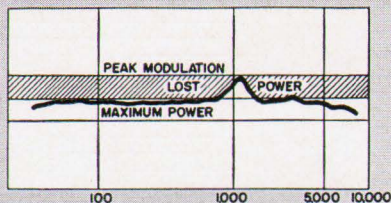
The 664 will equal a useful power increase of four times over commonly-used peaked microphones, and could well be the best investment, dollar-wise, in your shack

Here is a totally new concept in microphones for amateur phone communication.

The cardioid (high directivity at all frequencies) pickup pattern enables you to have a *real* "arm chair QSO." The forward gain of 5 db** allows you to speak at nearly twice the distance you have been working to a conventional microphone. Unwanted sounds in the shack are rejected nearly twice as effectively as by ordinarily-used non-directional microphones.

The response curve is tailored to put the highest degree of intelligibility on your carrier. Your 100% modulation is all speech . . . in full character . . . with bite and punch. This curve, compared to ordinary microphones, will give you up to 12 db more usable audio—without splatter or hash.

We invite you to prove to yourself that the 664 will outperform your present mike by a direct comparison. If it doesn't out-hurdle QRM, your distributor will refund the purchase price without qualification.



A peak in the response curve limits modulation to the peak value. A peak-free response brings the full power level to 100% modulation gaining an intelligibility increase equal to the peak in the average mike. The 664 is peak-free and gives the highest usable power of any microphone for AM, NFM and SSB.

See your E-V Distributor,
or write for Specification Sheet

New Variable D* Dynamic Microphone operates on the principle of multiple sound paths to the diaphragm. Spaced apertures to the rear of the diaphragm are phased to provide cancellation of rear sounds and give full response to sound from the front.

This new principle enables the curve to be free from peaks or dips. Insures freedom of blasting and boominess from close talking. Eliminates effect from mechanical shock. High level -55 db. Acoustalloy diaphragm. Switch easily changed to relay control, if desired. Absolutely unaffected by moisture, humidity, or temperature.

Model 664. Without Stand.....Net Price: \$47.70
Model 419. Desk Stand.....Net: 9.00

**Forward gain is that compared to a pressure mike; actual front-to-back hemisphere pick-up ratio is 20 db.

*Patent Pending

Electro-Voice®

ELECTRO-VOICE, INC. • BUCHANAN, MICH. • Export: 13 E. 40th St., N. Y. 16

A. R. R. L. COUNTRIES LIST

Official List for ARRL DX CONTEST and Postwar DXCC

The ARRL Postwar Countries List is the official standard used in connection with the ARRL DX competition and the DX Century Club. To qualify for the DX Century Club Award, an applicant must submit confirmations from at least 100 different countries contacted after November 15, 1945, in accordance with the Postwar DXCC Rules. Copies of the DXCC Rules will be furnished by ARRL on request.

AC3	Sikkim	KC4	Navassa Island	VP3	British Guiana
AC4	Tibet	KC6	Eastern Caroline Islands	VP4	Trinidad & Tobago
AP	Pakistan	KC6	Western Caroline Islands	VP5	Cayman Islands
BV	Formosa	KC6	Palau Islands	VP5	Jamaica
C (unofficial)	China	KG1	(See OX)	VP5	Turks & Caicos Islands
C3	Formosa	KG4	Guantanamo Bay	VP6	Barbados
C9	Manchuria	KG6	Mariana Islands	VP7	Bahama Islands
CE	Chile	KH6	Hawaiian Islands	VP8	Falkland Islands
CE7Z, LU-Z, VK1, VP8	Antarctica	KJ6	Johnston Island	VP8	South Georgia
CEφ	Easter Island	KL7	Alaska	VP8, LU	South Orkney Islands
CM, CO	Cuba	KM6	Midway Islands	VP8	South Sandwich Islands
CN2, KT1	Tangier Zone	KP4	Puerto Rico	VP8	South Shetland Islands
CN8	French Morocco	KP6	Palmyra Group, Jarvis Island	VP9	Bermuda Islands
CP	Bolivia	KR6	Ryukyu Islands (e.g., Okinawa)	VQ1	Zanzibar
CR4	Cape Verde Islands	KS4	Swan Island	VQ2	Northern Rhodesia
CR5	Portuguese Guinea	KS6	American Samoa	VQ3	Tanganyika Territory
CR5	Principe, Sao Thome	KT1	(See CN2)	VQ4	Kenya
CR6	Angola	KV4	Virgin Islands	VQ5	Uganda
CR7	Mozambique	KW6	Wake Island	VQ6	British Somaliland
CR8	Goa (Portuguese India)	KX6	Marshall Islands	VQ8	Chagos Islands
CR9	Macau	KZ5	Canal Zone	VQ8	Mauritius
CR10	Portuguese Timor	LA, LB	Jan Mayen	VQ9	Seychelles
CT1	Portugal	LA, LB	Norway	VR1	Gilbert & Ellice Islands & Ocean Island
CT2	Azores Islands	LA, LB	Svalbard (Spitzbergen)	VR1	British Phoenix Islands
CT3	Madeira Islands	LU	Argentina	VR2	Fiji Islands
CX	Uruguay	LU-Z	(See CE7Z, VP8)	VR3	Fanning Island (Christmas Island)
DJ, DL, DM	Germany	LX	Luxembourg	VR4	Solomon Islands
DU	Philippine Islands	LZ	Bulgaria	VR5	Tonga (Friendly) Islands
EA	Spain	M1	San Marino	VR6	Pitcairn Island
EA6	Balearic Islands	MP4	Bahrain Island	VS1	Singapore
EA8	Canary Islands	MP4	Kuwait	VS2	Malaya
EA9	Ifni	MP4	Qatar	VS4	Sarawak
EA9	Rio de Oro	MP4	Trucial Oman	VS5	Brunei
EA9	Spanish Morocco	MS4	(See I5)	VS6	Hong Kong
EAφ	Spanish Guinea	OA	Peru	VS9	Sultanate of Oman
EI	Eire (Irish Free State)	OD5	Lebanon	VS9	Aden & Socotra
EL	Liberia	OE	Austria	VS9	Maldiv Islands
EQ	Iran (Persia)	OH	Finland	VU	India
ET2	Eritrea	OK	Czechoslovakia	VU4	Laccadive Islands
ET3	Ethiopia	ON	Belgium	W, K	United States of America
F	France	OQ	Belgian Congo	XE	Mexico
FA	Algeria	OX, KG1	Greenland	XZ	Burma
FB8	Amsterdam & St. Paul Islands	OY	Faeroes	YA	Afghanistan
FB8	Kerguelen Islands	OZ	Denmark	YI	Iraq
FB8	Madagascar	PA	Netherlands	YJ	(See FU8)
FC	Corsica	PJ	Netherlands West Indies	YK	Syria
FD8	French Togoland	PJ2M	Sint Maarten	YN	Nicaragua
FE8	French Cameroons	PK1, 2, 3	Java	YO	Roumania
FF8	French West Africa	PK4	Sumatra	YS	Salvador
FG	Guadeloupe	PK5	Netherlands Borneo	YU	Yugoslavia
FG	Saint Martin	PK6	Celebes & Molucca Islands	YV	Venezuela
FI8	French Indo-China	PK6, 7	Netherlands New Guinea	ZA	Albania
FK8	New Caledonia	PX	Andorra	ZB1	Malta
FKS8	(See OE)	PY	Brazil	ZB2	Gibraltar
FL8	French Somaliland	PZ	Netherlands Guiana	ZC2	Cocos Islands
FM8	Martinique	SM	Sweden	ZC3	Christmas Island
FN	French India	SP	Poland	ZC4	Cyprus
FO8	Clipperton Island	ST	Anglo-Egyptian Sudan	ZC5	British North Borneo
FO8	French Oceania (e.g., Tahiti)	SU	Egypt	ZC6	Palestine
FP8	St. Pierre & Miquelon Islands	SV	Greece	ZD1	Sierra Leone
FQ8	French Equatorial Africa	SV5	Crete	ZD2	Nigeria
FR7	Reunion Island	TA	Dodecanese (e.g., Rhodes)	ZD3	Gambia
FU8, YJ	New Hebrides	TF	Turkey	ZD4	Gold Coast, Togoland
FW8	Wallis & Futuna Islands	TG	Iceland	ZD6	Nyasaland
FY8	French Guiana & Inini	TI	Guatemala	ZD7	St. Helena
G	England	TI9	Costa Rica	ZD8	Ascension Island
GC	Channel Islands	TI9	Cocos Island	ZD9	Tristan da Cunha & Gough Island
GD	Isle of Man	UA1, 3, 4, 6	European Russian	ZE	Southern Rhodesia
GI	Northern Ireland	UA9, φ	Socialist Federated Soviet Republic	ZK1	Cook Islands
GM	Scotland	UB5	Asiatic Russian S.F.S.R.	ZK2	Niue
GW	Wales	UC2	Ukraine	ZL	New Zealand
HA	Hungary	UD6	White Russian Soviet Socialist Republic	ZL1	Kermadec Island
HB	Switzerland	UF6	Azerbaijan	ZM	British Samoa
HC	Ecuador	UG6	Georgia	ZM7	Tokelau (Union Islands)
HC8	Galapagos Islands	UH8	Armenia	ZP	Paraguay
HE	Liechtenstein	UI8	Turkoman	ZS1, 2, 4, 5, 6	Union of South Africa
HH	Haiti	UJ8	Uzbek	ZS2	Marion Island
HI	Dominican Republic	UL7	Tadzhik	ZS3	Southwest Africa
HK	Colombia	UM8	Kazakh	ZS7	Swaziland
HKφ	Archipelago of San Andres	UN1	Kirghiz	ZS8	Basutoland
HL	Korea	UO5	Karelo-Finnish Republic	ZS9	Bechuanaland
HP	Panama	UP2	Moldavia	3A1, 2	Monaco
HR	Honduras	UQ2	Lithuania	3V8	Tunisia
HS	Siam	UR2	Latvia	4S7	Ceylon
HV	Vatican City	VE, VO	Estonia	4W1	Yemen
HZ	Saudi Arabia (Hedjaz & Nejd)	VK	Canada	4X4	Israel
I	Italy	VK1	Australia (including Tasmania)	5A	Libya
I5, MS4	Trieste	VK1	Heard Island	9S4	Saar
IS	Sardinia	VK9	Macquarie Island		Aldabra Islands
JA, KA	Japan	VK9	Papua Territory		Bhutan
JY	Jordan	VK9	Territory of New Guinea		Comoro Islands
JZφ	Netherlands New Guinea	VO	Norfolk Island		Fridtjof Nansen Land (Franz Josef Land)
K	(See W)	VP1	(See VE)		Mongolia
KA	(See JA)	VP2	British Honduras		Nepal
KAφ	Bonin & Volcano Islands	VP2	Leeward Islands		Tannu Tuva
KB6	Baker, Howland & American Phoenix Islands	VP2	Windward Islands		Tokelau (Union) Islands
					Wrangel Island



BIGGEST DEALS

AT **WRL**

BAR NONE!

The World's LARGEST Distributor of Amateur Radio Equipment!

ONLY
SOLD
BY WRL!

Here
At Last!

The New and Improved 65A GLOBE SCOUT

Completely Bandswitching

This excellent Xmtr. offers 65 watts input on CW, 55 watts on fone. Is completely band-switching 10 thru 160M. Combination Pi Network antenna tuner. 100% modulation of Final. Housed in 8" x 16" x 8" grey cabinet.

ONLY **\$7.95**
PER MO.



KIT \$89.95
CASH
WIRED \$99.95
CASH

WIRED FORM
JUST \$10.00
DOWN!

FULL
ONE YEAR
GUARANTEE

Now Ready!

The New and Improved 500A GLOBE KING

Completely Bandswitching

Here's an advanced design, high power transmitter of 500 watts input on both CW and fone 100% modulated. Is completely bandswitching 10 thru 160M. bands. Consists of RF, Speech Modulator and Dual Power Supply Sections. Entire unit is specially screened for TVI. Pi Network output matches any antenna from 52-600 ohms. Has provisions for VFO and Single Sideband input. Forced air-cooled 4-250A tube, push-to-talk, special steel mesh screening of RF Section — just a few of the many fine features. Enclosed in grey hammertone cabinet, 31"x 21 3/4"x15"

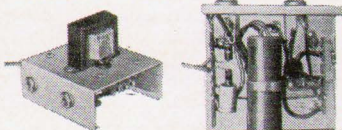


ONLY **\$36.78**
PER MONTH

SEND FOR COMPLETE INFORMATION
ON OUR "LOADING MODIFICATION
KIT" FOR THE MODEL 500
ONLY \$13.50

ONLY
SOLD
BY WRL!

WRL's NEW Economy Code Oscillator Kit



Top-Side and Bottom View, Wired
Build this low-cost, code oscillator!
Helps you learn code faster; prepare
for your novice license. All parts
and simplified wiring instructions
included. Then plug into any 110 volt AC
source, and with accessories below,
you're ready to go.

Cash Price **\$4.95**
Only

ACCESSORIES

J-38 Key (XA883) \$.99
Headphones (50A005) 1.97
Phone Plugs (1A025) .33
Order by catalog number

ONLY
SOLD
BY WRL!

E-Z
PAY
PLAN

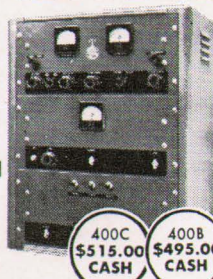
WORLD'S MOST PERSONALIZED RADIO SUPPLY HOUSE



3415 W. BROADWAY, CO. BLUFFS, IA., Phone 2-0277

TOP
TRADE-IN
VALUES!
MAKE US
PROVE IT!

MODEL 400 400 WATT GLOBE KING



435 WATTS
ON CW; 400
WATTS ON FONE

MODEL 400B
JUST \$49.50 DOWN
ONLY **\$26.98**
PER MONTH

MODEL 400C
JUST \$51.50 DOWN
ONLY **\$28.13**
PER MONTH

400C \$515.00
CASH
400B \$495.00
CASH

ONLY
SOLD
BY WRL!

BEST BUY IN BEAMS!

WRL's new line of sturdy "Plumber's Delight" beams. 1 1/4", hot dipped galvanized steel boom; all elements aluminum; 1 1/2" center pieces; 1" end inserts. Wooden dowelled at all stress points. 20M beam has double 1 1/4" hot dipped galvanized steel booms for extra stiffness. Specify choice of T or Gamma Match. All beams three element.

10M \$18.95 15M \$27.95 20M \$49.95

SAVE
UP TO
50%
ON
RECONDITIONED EQPT.
SEND FOR LATEST LIST.

Brand New
1956 CATALOG!
FREE • FREE

Listing Over
15,000 Values!

SEND FOR
YOUR FREE
COPY TODAY!



Unconditionally guaranteed! A versatile, advanced design transmitter. Efficient performance on all bands from 10 thru 160M. 100% modulated. Provisions for VFO. Thoroughly screened for TVI. Complete with one set of coils for any one band, 10-80M.

Model 400B is same as 400C, but less special TVI screened cabinet

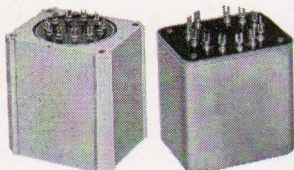
WATCH
FOR THE NEW
WRL
VFO!

AND YOU
PAY ONLY
10%
DOWN!

INTERNATIONAL RADIO AMATEUR PREFIXES

The following prefixes are listed in alphabetical order for convenience in locating the country when DX calls are heard.

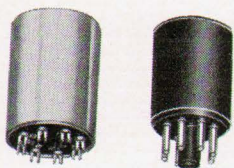
AC3	SIKKIM	KG6	MARIANA ISLANDS (Guam)	VK	AUSTRALIA
AC4	TIBET	KG6I	IWO JIMA ISLAND	VK7	TASMANIA
AG2	TRIESTE (American)	KG6S	SAIPAN ISLAND	VK9	PAPUA TERRITORY
AP	PAKISTAN	KG6T	TINIAN ISLAND	VO	NEWFOUNDLAND & LABRADOR
C	CHINA	KH6	HAWAIIAN ISLANDS	VP1	BRITISH HONDURAS
CE	CHILE	KJ6	JOHNSTON ISLAND	VP2	LEEWARD & WINDWARD ISLANDS
CM-CO	CUBA	KL7	ALASKA	VP3	BRITISH GUIANA
CN2	TANGIER ZONE	KM6	MIDWAY ISLAND	VP4	TRINIDAD & TOBAGO IS.
CN8	FRENCH MOROCCO	KP4	PUERTO RICO	VP5	JAMAICA, CAYMAN, TURKS & CAICOS IS.
CP	BOLIVIA	KP6	PALMYRA & JARVIS ISLANDS	VP6	BARBADOS
CR4	CAPE VERDE ISLANDS	KR6	OKINAWA	VP7	BAHAMA ISLANDS
CR5	PORTUGUESE GUINEA	KS4	SWAN ISLAND	VP8	FALKLAND ISLANDS
CR6	ANGOLA	KS6	U. S. SAMOA		South Georgia, South Orkney and South Shetland Islands.
CR7	MOZAMBIQUE	KV4	VIRGIN ISLANDS	VP9	BERMUDA ISLANDS
CR8	GOA (Portuguese India)	KW6	WAKE ISLAND	VQ1	ZANZIBAR
CR9	MACAU	KX6	MARSHALL ISLANDS	VQ2	NORTHERN RHODESIA
CR10	TIMOR ISLAND (Port.)	KZ5	CANAL ZONE	VQ3	TANGANYIKA TERRITORY
CT1	PORTUGAL	LA	NORWAY	VQ4	KENYA
CT2	AZORES ISLANDS	LU	ARGENTINA	VQ5	UGANDA
CT3	MADERIA ISLANDS	LX	LUXEMBOURG	VQ6	BRITISH SOMALILAND
CX	URUGUAY	LZ	BULGARIA	VQ8	CHAGOS & MAURITIUS ISLANDS
DL	GERMANY	MB9	AUSTRIA	VQ9	SEYCHELLES
DU	PHILIPPINE ISLANDS	MD4	SOMALIA	VR1	GILBERT ELLICE & OCEAN ISLANDS
EA	SPAIN	MD5	SUEZ CANAL ZONE	VR2	FIJI ISLANDS
EA6	BALEARIC ISLANDS	MD6	IRAQ	VR3	FANNING ISLAND
EA8	CANARY ISLANDS	MF2	TRIESTE ((British))	VR4	SOLOMON ISLANDS
EA9	SPANISH MOROCCO	MI3	ERITREA	VR5	TONGA (Friendly) ISLAND
EI	IRELAND	MP4	BAHRAIN IS. & OMAN	VR6	PITCAIRN ISLAND
EL	LIBERIA	OA	PERU	VS1	SINGAPORE
EQ	IRAN (ex Persia)	OH	FINLAND	VS2	MALAYAN UNION
ET	ERITREA & ETHIOPIA	OE	AUSTRIA	VS4	BRITISH NORTH BORNEO
F	FRANCE	OD5	LEBANON	VS5	BRUNEI & SARAWAK
FA	ALGERIA	OK	CZECHOSLOVAKIA	VS6	HONG KONG
FB8	MADAGASCAR	ON	BELGIUM	VS9	ADEN & SOCOTRA ISLANDS
FC	CORSICA	OQ5	BELGIAN CONGO	VU	INDIA
FD8	FRENCH TOGOLAND	OX	GREENLAND	VU4	LACCADIVE ISLANDS
FE8	FRENCH CAMEROONS	OY	FAEROES ISLANDS	VU5	ANDAMAN ISLANDS
FF8	FRENCH WEST AFRICA	OZ	DENMARK	W	UNITED STATES
FG8	GUADELOUPE	PA, PI	NETHERLANDS	XE	MEXICO
FI8	FRENCH INDO-CHINA	PJ	NETH. WEST INDIES	XZ	BURMA
FKS	FRENCH-AUSTRIA	PK1, 2, 3	JAVA	YA	AFGHANISTAN
FK8	NEW CALEDONIA	PK4	SUMATRA	YI	IRAQ
FL8	FRENCH SOMALILAND	PK5	BORNEO (Neth. Indies)	YJ	NEW HEBRIDES
FM8	MARTINIQUE	PK6	CELEBES & MOLUCCA ISLANDS	YK	SYRIA
FN	FRENCH INDIA	PK7	NETHERLAND NEW GUINEA	YN	NICARAGUA
FO8	TAHITI	PX	ANDORRA	YO	ROUMANIA
FP8	MIQUELON & ST. PIERRE IS.	PY	BRAZIL	YS	SALVADOR
FQ8	FRENCH EQUATORIAL AFRICA	PZ	SURINAM	YT, YU	YUGOSLAVIA
FR8	REUNION ISLAND	SM	SWEDEN	YV	VENEZUELA
FU8	NEW HEBRIDES	SP	POLAND	ZA	ALBANIA
FY7	FRENCH GUIANA	ST	SUDAN	ZB1	MALTA
G	ENGLAND	SU	EGYPT	ZB2	GIBALTAR
GC	CHANNEL ISLANDS	SV	CRETE & GREECE	ZC1	TRANSJORDAN
GD	ISLE OF MAN	SV5	DODECANESE ISLANDS	ZC2	COCOS ISLANDS
GI	NORTHERN IRELAND	TA	TURKEY	ZC3	CHRISTMAS ISLAND
GM	SCOTLAND	TF	ICELAND	ZC4	CYPRUS
GW	WALES	TG	GUATEMALA	ZD1	SIERRA LEONE
HA	HUNGARY	TI	COSTA RICA	ZD2	NIGERIA
HB	SWITZERLAND	TT	TANNU TUVA	ZD3	GAMBIA
HC	ECUADOR	UA1-3-4-6	EUROPEAN RUSSIAN SOCIALIST FEDERATED SOVIET REPUBLIC	ZD4	GOLD COAST & TOGOLAND
HEI	LIECHTENSTEIN	UA9-6	ASIATIC RUSSIAN S. F. S. R.	ZD6	NYASALAND
HH	HAITI	UB5	UKRAINE	ZD7	SAINT HELENA
HI	DOMINICAN REPUBLIC	UC5	WHITE RUSSIAN S.S.R.	ZD8	ASCENSION ISLAND
HK	COLOMBIAN REPUBLIC	UD6	AZERBAIJAN	ZD9	TRISTAN DA CUNHA
HL1	KOREA	UF6	GEORGIA	ZE	SOUTHERN RHODESIA
HP	PANAMA	UG6	ARMENIA	ZK1	COOK ISLANDS
HR	HONDURAS	UH8	TURKOMAN	ZK2	NIUE
HS	SIAM	UI8	UZBEK	ZL	NEW ZEALAND
HV	VATICAN CITY	UI8	TADZHIK	ZM	WESTERN SAMOA
HZ	SAUDI ARABIA	UL7	KAZAKH	ZP	PARAGUAY
I	ITALY	UMB	KIRGHIZ	ZS	UNION OF SOUTH AFRICA
K	UNITED STATES	UN1	KARELO-FINNISH REPUBLIC	3A2	MONACO
KA	JAPAN	UO5	MOLDAVIA	3V8	TUNISIA
KB6	BAKER, CANTON, ENDERBURY, HOWLAND & PHOENIX ISLANDS	UP	LITHUANIA	4S7	CEYLON
KC4	NAVASSA ISLAND	UQ	LATVIA	4X4	ISRAEL
KC6	CAROLINE ISLANDS	UR	ESTONIA	5A2	LIBYA
KG4	GUANTANAMO BAY, CUBA	VE	CANADA	9S4	SAARLAND

HIGHEST FIDELITY

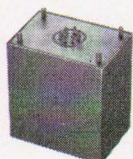
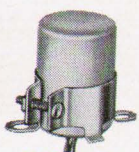
Linear Standard Hipermalloy



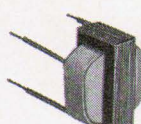
TRANSFORMERS REACTORS · FILTERS

FROM STOCK...
COMPACT

Ouncer Plug-In

Magnetic
AmplifiersMulti-Shielded
Inputs**AMATEUR MINIATURE**

Special Series



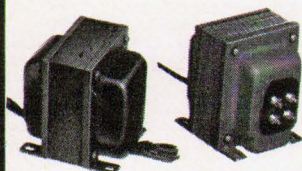
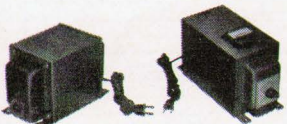
Sub-Ouncer

HI-Q TOROIDS

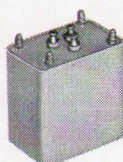
Inductors



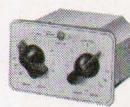
Decades

Replacement Signaling
and Control

Stepdown Line Adjustors

CONTROLLED RESPONSE

Filters



Equalizers

VARIABLE INDUCTORS

Non-Hermetic



Hermetic

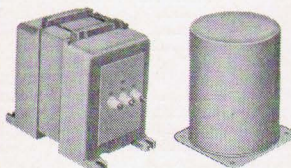
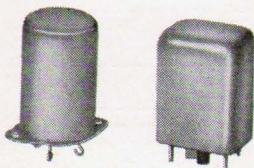
RUGGED ... INDUSTRIAL

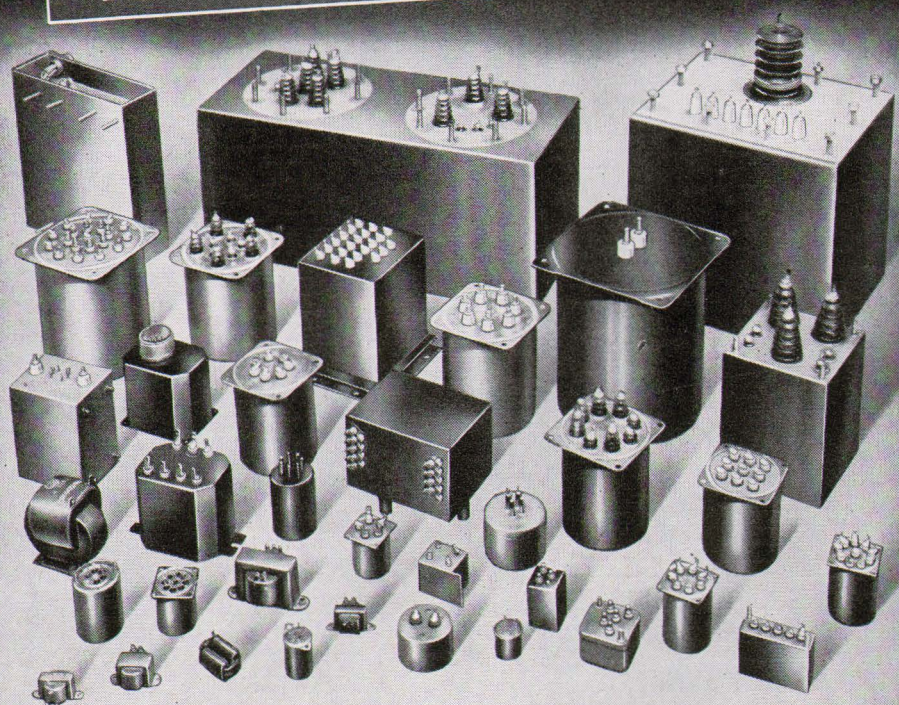
Plate Audio

HIGHEST FIDELITY

Amplifier Kit

HERMETIC ... MIL-T-27

Audios Pulse Units

TO SPECIFICATIONS...

UNITED TRANSFORMER COMPANY • 150 VARICK STREET, NEW YORK 16, N. Y.

EXPORT DIVISION: 13 EAST 40th STREET, NEW YORK 16, N. Y. • CABLES: "ARLAB"

PREFIXES—BY COUNTRIES

The following countries listed in alphabetical order by country show international radio amateur prefixes. Characters in () designate the continent and zone in which the country is located. Abbreviations are as follows: A—Asia, AF—Africa, E—Europe, NA—North America, O—Oceania, SA—South America.

ADEN	(A-21)	VS9	GUADELOUPE	(NA-8)	FG8	RHODESIA, NORTHERN	(AF-36)	VQ2
AFGHANISTAN	(A-21)	YA	GUAM	(O-27)	KG6	RHODESIA, SOUTHERN	(AF-38)	ZE
ALASKA	(NA-1)	KL7	GUANTANAMO BAY	(NA-8)	KG4	ROUMANIA	(E-20)	YO
ALBANIA	(E-15)	ZA	GUATEMALA	(NA-7)	TG	RYUKYU ISLANDS	(A25)	KR6
ALGERIA	(AF-33)	FA	GUIANA, BRITISH	(SA-9)	VP3			
ANDORRA	(E-14)	PX	GUIANA, FRENCH	(SA-9)	FY7	SAARLAND	(E-14)	9S4
ANGLO-EGYPTIAN SUDAN	(AF-34)	ST	GUIANA, NETHERLANDS	(SA-9)	PZ	SAINT HELENA	(AF-36)	ZD7
ANGOLA	(AF-36)	CR6	GUINEA, PORTUGUESE	(AF-35)	CR5	SAIPAN ISLAND	(O-27)	KG6S
ARGENTINA	(SA-13)	LU	HAITI	(NA-8)	HH	SALVADOR	(NA-7)	YS
ASCENSION ISLAND	(AF-36)	ZD8	HAWAIIAN ISLANDS	(O-31)	KH6	SAMOA (U.S.)	(O-32)	KS6
AUSTRALIA	(O-29 & 30)	VK	HONDURAS	(NA-7)	HR	SAMOA (Western)	(O-32)	ZM
AUSTRIA	(E-15)	OE	HONG KONG	(A-24)	VS6	SARAWAK	(O-28)	VS3
AZORES ISLANDS	(E-14)	CT2	HOWLAND ISLAND	(O-31)	KB6	SAUDI ARABIA	(A-21)	HZ
			HUNGARY	(E-15)	HA	SCOTLAND	(E-14)	GM
BAHAMA ISLANDS	(NA-8)	VP7				SEYCHELLES	(AF-39)	VQ9
BAHRAIN ISLANDS	(AF-21)	MP4	ICELAND	(E-40)	TF	SIAM	(A-26)	HS
BAKER ISLAND	(O-31)	KB6	INDIA	(A-21)	VU	SIERRA LEONE	(AF-35)	ZD1
BALEARIC ISLANDS	(E-14)	EA6	IRAN	(A-21)	EQ	SIKKIM	(A-22)	AC3
BARBADOS	(NA-8)	VP6	IRAQ	(A-21)	YI	SOCOTRA ISLAND	(AF-37)	VS9
BASUTOLAND	(AF-38)	ZS4	IRELAND	(E-14)	EI	SOLOMON ISLANDS	(O-28)	VR4
BELGIAN CONGO	(AF-36)	OQ	ISLE OF MAN	(E-14)	GD	SOMALILAND, British	(AF-37)	VQ6
BELGIUM	(E-14)	ON	ISRAEL	(A-20)	4X4	SOMALILAND, French	(AF-37)	FL8
BERMUDA ISLANDS	(NA-5)	VP9	ITALY	(E-15)	I	SOMALILAND, Italian	(AF-37)	IS
BOLIVIA	(SA-10)	CP	TWO JIMA ISLAND	(O-25)	KG6I	SOUTH GEORGIA	(SA-13)	VP8
BORNEO (Br. North)	(O-28)	VS4	JAMAICA	(NA-8)	VP5	SOUTH ORKNEY ISLANDS	(SA-13)	VP8
BORNEO (Neth. Indies)	(O-28)	PK5	JAN MAYEN ISLAND	(E-40)	OY	SOUTH SANDWICH ISLANDS	(SA-13)	VP8
BRAZIL	(SA-11)	PY	JAPAN	(A-25)	KA	SOUTH SHETLAND ISLANDS	(SA-13)	VP8
BRITISH HONDURAS	(NA-7)	VP1	JARVIS ISLAND	(O-31)	KP6	SOUTHWEST AFRICA	(AF-38)	ZS3
BRUNEI	(O-28)	VS5	JAVA	(O-28)	PK1, 2, 3			
BULGARIA	(E-20)	LZ	JOHNSTON ISLAND	(O-31)	KJ6			
BURMA	(A-26)	XZ				SOVIET UNION:		
CAMEROONS, British	(AF-36)	ZD2	KENYA	(AF-37)	VQ4	EUROPEAN RUSSIAN SOCIALIST		
CAMEROONS, French	(AF-36)	FE8	KOREA	(A-25)	HL1	FEDERATED SOVIET REP.	(E-16)	UA1, 3, 4, 6
CANADA	(NA-1 to 5)	VE				ASIATIC RUSSIAN S.F.S.R.	(A-18, 19)	UA9, 6
CANAL ZONE	(NA-7)	KZ5	LABRADOR	(NA-2)	VO	UKRAINE	(E-16)	UB5
CANARY ISLANDS	(AF-33)	EA8	LACCADIVE ISLANDS	(A-22)	VU4	WHITE RUSSIAN S.S.R.	(E-16)	UC
CANTON ISLAND	(O-31)	KB6	LEBANON REPUBLIC	(A-20)	OD5	AZERBAIJAN	(A-21)	UD6
CAPE VERDE ISLANDS	(AF-35)	CR4	LEEWARD ISLANDS	(NA-8)	VP2	GEORGIA	(A-21)	UF6
CAROLINE ISLANDS	(O-27)	KC6	LIBERIA	(AF-35)	EL	ARMENIA	(A-21)	UG6
CAYMAN ISLANDS	(NA-8)	VP5	LIBYA	(AF-34)	5A2	TURKOMAN	(A-17)	UH8
CELEBES	(O-28)	PK6	LIECHTENSTEIN	(E-14)	HE1	UZBEK	(A-17)	UI8
CEYLON	(A-22)	VS7	LITTLE AMERICA	(SA-13)	KC4	TADZHIK	(A-17)	UJ8
CHAGOS ISLANDS	(AF-39)	VQ8	LUXEMBOURG	(E-14)	LX	KAZAKH	(A-17)	UL7
CHANNEL ISLANDS	(E-14)	GC				KIRGHIZ	(A-17)	UM8
CHILE	(E-12)	CE	MACAU	(A-24)	CR9	KARELO-FINNISH REP.	(E-16)	UN1
CHINA	(A-23 & 24)	C	MADAGASCAR	(AF-39)	FB8	MOLDAVIA	(E-16)	UO5
CHRISTMAS ISLAND	(O-23)	ZC3	MADEIRA ISLANDS	(AF-33)	CT3	LITHUANIA	(E-15)	UP
COCOS ISLAND	(NA-7)	TI	MALAYA	(A-28)	VS1, 2	LATVIA	(E-15)	UQ
COCOS ISLANDS	(O-29)	ZC2	MALDIVES ISLANDS	(A-22)	VS9	ESTONIA	(E-15)	UR
COLOMBIA	(SA-9)	HK	MALTA	(E-15)	ZB1	SPAIN	(E-14)	EA
COOK ISLANDS	(O-32)	ZK1	MARIANAS ISLANDS	(O-27)	KG6	SUMATRA	(O-28)	PK4
CORSICA	(E-15)	FC	MARSHALL ISLANDS	(O-31)	KX6	SWAN ISLAND	(NA-7)	KS4
COSTA RICA	(NA-7)	TI	MARTINIQUE	(NA-8)	FM8	SWEDEN	(E-14)	SM
CRETE	(E-20)	SV	MAURITIUS	(AF-39)	VQ8	SWITZERLAND	(E-14)	HB
CUBA	(NA-8)	CM, CO	MEXICO	(NA-6)	XE	SYRIA	(A-20)	YK
CYPRUS	(A-20)	ZC4	MIDWAY ISLAND	(O-31)	KM6			
CZECHOSLOVAKIA	(E-15)	OK	MIQUELON ISLAND	(NA-5)	FP8	TANGANYIKA	(AF-37)	VQ3
			MONACO	(E-14)	3A2	TANGIER ZONE	(AF-33)	CN2
DENMARK	(E-14)	OZ	MOROCCO, French	(AF-33)	CN	TANNU TUVA	(A-23)	TT
DODECANESE ISLANDS	(E-20)	SV5	MOROCCO, Spanish	(AF-33)	EA9	TIBET	(A-23)	AC4
DOMINICAN REPUBLIC	(NA-8)	HI	MOZAMBIQUE	(AF-37)	CR7	TIMOR, Portuguese	(O-28)	CR10
						TINIAN ISLAND	(O-27)	KG6T
ECUADOR	(SA-10)	HC	NAVASSA ISLAND	(NA-8)	KC4	TOGOLAND, French	(AF-35)	FD8
EGYPT	(AF-34)	SU	NETHERLANDS	(E-14)	PA	TONGA (Friendly) ISLANDS	(O-32)	VR5
ELLICE ISLANDS	(O-31)	VR1	NETHERLAND W. INDIES	(SA-9)	PJ	TRANSJORDAN	(A-20)	ZC1
ENGLAND	(E-14)	G	NEW CALEDONIA	(O-32)	FK8	TRIESTE	(E-15)	AG2 & MF2
ERITREA	(AF-37)	M13	NEWFOUNDLAND	(NA-5)	VO	TRINIDAD & TOBAGO	(SA-9)	VP4
ETHIOPIA	(AF-37)	ET	NEW GUINEA, Netherlands	(O-28)	PK6	TRISTAN da CUNHA & COUGH ISLAND	(AF-38)	ZD9
			NEW GUINEA, Territory of	(O-28)	VK9	TUNISIA	(AF-33)	3V8
FAEROES, The	(E-14)	OY	NEW HEBRIDES	(O-32)	FU8, YJ	TURKEY	(A-20)	TA
FALKLAND ISLANDS	(SA-13)	VP8	NEW ZEALAND	(O-32)	ZL	TURKS & CAICOS ISLANDS	(NA-8)	VP5
FANNING ISLAND	(O-31)	VR3	NICARAGUA	(NA-7)	YN			
FIJI ISLANDS	(O-32)	VR2	NIGERIA	(AF-35)	ZD2	UGANDA	(AF-37)	VQ5
FINLAND	(E-15)	OH	NIUE	(O-32)	ZK2	UNION OF SOUTH AFRICA	(AF-38)	ZS
FRANCE	(E-14)	F	NORTHERN IRELAND	(E-14)	GI	UNITED STATES of AMERICA	(NA-3, 4, 5)	W, K
FRENCH-AUSTRIA	(E-15)	FKS	NORWAY	(E-14)	LA	URUGUAY	(SA-13)	CX
FR. EQUATORIAL AFRICA	(AF-36)	FQ8	NYASALAND	(AF-37)	ZD6			
FRENCH INDIA	(A-22)	FN	OKINAWA	(A-25)	KR6	VATICAN CITY	(E-15)	HV
FRENCH INDO-CHINA	(A-26)	F18	OMAN	(A-21)	MP4	VENEZUELA	(SA-9)	YV
FRENCH OCEANIA	(O-32)	FO8	PAKISTAN	(A-21, 22)	AP	VIRGIN ISLANDS	(NA-8)	KV4
FRENCH WEST AFRICA	(AF-35)	FF8	PANAMA	(NA-7)	HP			
			PAPUA TERRITORY	(O-28)	VK9	WAKE ISLAND	(O-31)	KW6
GAMBIA	(AF-35)	ZD3	PARAGUAY	(SA-11)	ZP	WALES	(E-14)	GW
GERMANY	(E-14)	DL	PERU	(SA-10)	OA	WINDWARD ISLANDS	(NA-8)	VP2
GIBRALTAR	(E-14)	ZB2	PHILIPPINE ISLANDS	(O-27)	DU			
GILBERT ISLANDS	(O-31)	VR1	PITCAIRN ISLAND	(O-32)	VR6	YUGOSLAVIA	(E-15)	YT, YU
GOA (Portuguese India)	(A-22)	CR8	POLAND	(E-15)	SP			
GOLD COAST	(AF-35)	ZD4	PORTUGAL	(E-14)	CT1	ZANZIBAR	(AF-37)	VQ1
GREECE	(E-20)	SV	PUERTO RICO	(NA-8)	KP4			
GREENLAND	(NA-40)	OX	REUNION ISLAND	(AF-39)	FR8			

POSTAL INFORMATION

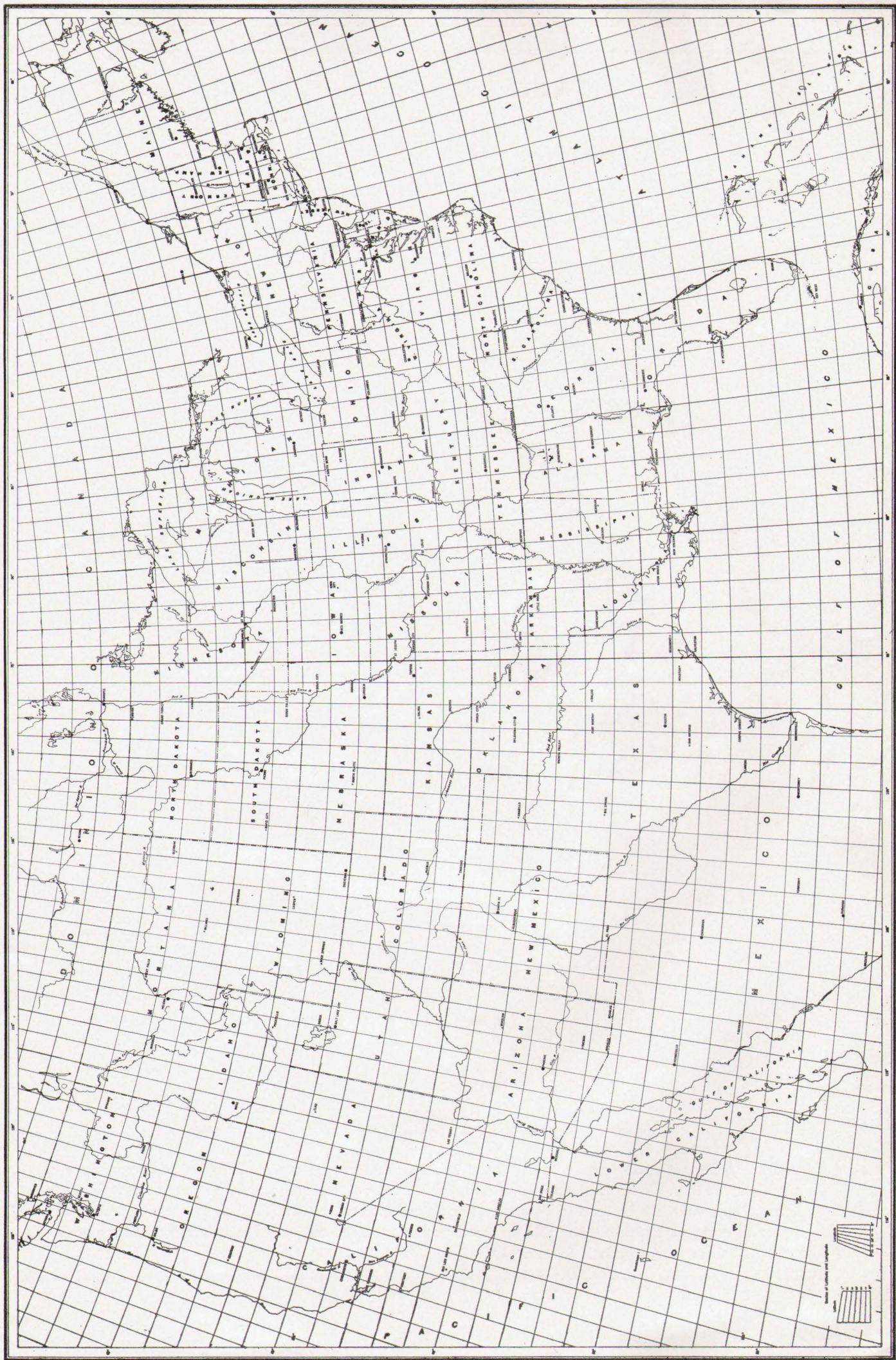
The following table shows the postal rates for QSL cards, first class letters and air mail to the United States Possessions and foreign countries. International reply coupons may be purchased at any United States Post office. Upon presentation at a post office in any country except Korea, the coupon will entitle the person presenting it to receive a postage stamp or stamps of that country of sufficient value to prepay an ordinary letter of the first unit of weight addressed for delivery in this country. The column marked "RP" shows the number of international reply coupons required to prepay an air mail letter of the first weight unit from the countries indicated to the United States. The first class rates show the rate for the first ounce. Add four cents for each additional ounce or fraction. The air mail rates are for each half ounce except where indicated.

COUNTRY	QSL cards	First class	Air mail	RP	COUNTRY	QSL cards	First class	Air mail	RP	COUNTRY	QSL cards	First class	Air mail	RP
ADEN	\$.04	\$.08	\$.25	7	FRENCH OCEANIA	.04	.08	.25	3	NORWAY	.04	.08	.15	2
AFGHANISTAN	.04	.08	.25	7	FRENCH SOMALILAND	.04	.08	.25	3	NYASALAND	.04	.08	.25	4
ALASKA	.02	.03	.06*		FRENCH SUDAN	.04	.08	.25	2	OKINAWA	.04	.08	.25	5
ALBANIA	.04	.08	.15	2	FRENCH TOGOLAND	.04	.08	.25	2	PAKISTAN	.04	.08	.25	5
ALGERIA	.04	.08	.15	2	GAMBIA	.04	.08	.25	6	PANAMA	.04	.08	.10	3
ANDORRA	.04	.08	.15	8	GERMANY	.04	.08	.15	2	PAPUA	.04	.08	.25	6
ANGLO-EGYPTIAN SUDAN	.04	.08	.25	4	GIBRALTAR	.04	.08	.15	3	PARAGUAY	.04	.08	.10	3
ANGOLA	.04	.08	.25	4	GILBERT & ELLICE IS.	.04	.08	.25	6	PERU	.04	.08	.10	5
ANGUILLA	.04	.08	.10	6	GOLD COAST COLONY	.04	.08	.25	11	PHILIPPINE IS.	.04	.08	.25	15
ANTIGUA	.04	.08	.10	6	GREECE	.04	.08	.15	2	POLAND	.04	.08	.15	3
ARGENTINA	.04	.08	.10	5	GRENADA, BWI	.04	.08	.10	3	PORTUGAL	.04	.08	.15	3
ARUBA	.04	.08	.10	1	GRENADINES, BWI	.04	.08	.10	3	PORT. EAST AFRICA	.04	.08	.25	3
AUSTRALIA	.04	.08	.25	4	GUADELOUPE	.04	.08	.10	2	PORTUGUESE GUINEA	.04	.08	.25	3
AUSTRIA	.04	.08	.15	2	GUAM	.02	.03	.06*		PORTUGUESE INDIA	.04	.08	.25	3
AZORES	.04	.08	.15	3	GUATEMALA	.04	.08	.10	2	PORTUGUESE TIMOR	.04	.08	.25	5
BAHAMAS	.04	.08	.10	2	HAITI	.04	.08	.10	2	PORTUGUESE W. AFRICA	.04	.08	.25	3
BAHRAIN ISLANDS	.04	.08	.25	4	HAWAII	.02	.03	.06*		PUERTO RICO	.02	.03	.06*	
BALEARIC ISLANDS	.04	.08	.15	8	HONDURAS	.04	.08	.10	2	REDONDA, BWI	.04	.08	.10	6
BALUCHISTAN	.04	.08	.25	5	HONG KONG	.04	.08	.25	5	REUNION ISLAND	.04	.08	.25	3
BARBADOS	.04	.08	.10	2	HUNGARY	.04	.08	.15	3	RIO DE ORO	.04	.08	.25	10
BARBUDA	.04	.08	.10	2	ICELAND	.04	.08	.15	2	ROMANIA	.04	.08	.15	5
BECHUANALAND	.04	.08	.25	6	INDIA	.04	.08	.25	6	RYUKYU ISLANDS	.04	.08	.25	5
BELGIAN CONGO	.04	.08	.25	3	INDO-CHINA	.04	.08	.25	3	ST CHRISTOPHER, BWI	.04	.08	.10	6
BELGIUM	.04	.08	.15	2	INDONESIA	.04	.08	.25	4	ST HELENA	.04	.08	.25	6
BERMUDA	.04	.08	.10	3	IRAN	.04	.08	.25	5	ST KITS, BWI	.04	.08	.10	6
BOLIVIA	.04	.08	.10	3	IRAQ	.04	.08	.25	3	ST LUCIA, BWI	.04	.08	.10	4
BRAZIL	.04	.08	.10	3	ISRAEL	.04	.08	.25	2	ST PIERRE & MIQUELON	.04	.08	.08*	
BRITISH CAMEROONS	.04	.08	.25	6	ITALY	.04	.08	.15	2	ST VINCENT, BWI	.04	.08	.10	4
BRITISH GUIANA	.04	.08	.10	4	IVORY COAST	.04	.08	.25	2	SALVADOR	.04	.08	.10	2
BRITISH HONDURAS	.04	.08	.10	2	JAMAICA	.04	.08	.10	2	SAMOA (Br.)	.04	.08	.25	
BRITISH SOMALILAND	.04	.08	.25	8	JAPAN	.04	.08	.25	4	SAN MARINO	.04	.08	.15	2
BR. VIRGIN ISLANDS	.04	.08	.10	6	JORDAN	.04	.08	.25	5	SARAWAK	.04	.08	.25	6
BRUNEI	.04	.08	.25	6	KENYA & UGANDA	.04	.08	.25	5	SAUDI ARABIA	.04	.08	.25	
BULGARIA	.04	.08	.15	3	KOREA	.04	.08	.25		SCOTLAND	.04	.08	.15	6
BURMA	.04	.08	.25	5	LABUAN	.04	.08	.25	6	SENEGAL	.04	.08	.25	2
CANADA	.02	.03	.06*	2	LATVIA	.04	.08	.15	4	SEYCHELLES	.04	.08	.25	3
CANAL ZONE	.02	.03	.06*		LEBANON	.04	.08	.25	3	SIERRA LEONE	.04	.08	.25	8
CANARY ISLANDS	.04	.08	.15	8	LIBERIA	.04	.08	.25	5	SOLOMON ISLANDS	.04	.08	.25	5
CANTON ISLAND	.02	.03	.06*		LIBYA	.04	.08	.15	5	SOMALIA	.04	.08	.25	5
CAPE VERDE ISLANDS	.04	.08	.25	3	LIECHTENSTEIN	.04	.08	.15	2	SOUTHERN RHODESIA	.04	.08	.25	6
CAYMAN ISLANDS	.04	.08	.10	2	LITHUANIA	.04	.08	.15	4	SOUTHWEST AFRICA	.04	.08	.25	6
CEYLON	.04	.08	.25	7	LUXEMBOURG	.04	.08	.15	2	SPAIN	.04	.08	.15	8
CHILE	.04	.08	.10	6	MACAO	.04	.08	.25	3	SPANISH GUINEA	.04	.08	.25	10
CHINA	.04	.08	.25	4	MADAGASCAR	.04	.08	.25	4	STRAIT SETTLEMENTS	.04	.08	.25	5
COLOMBIA	.04	.08	.10	7	MADEIRA ISLANDS	.04	.08	.15	3	SURINAM	.04	.08	.10	3
COOK ISLANDS	.04	.08	.25	6	MALAYA	.04	.08	.25	5	SWEDEN	.04	.08	.15	2
CORSICA	.04	.08	.15	2	MALTA	.04	.08	.15	4	SWITZERLAND	.04	.08	.15	2
COSTA RICA	.04	.08	.10	3	MANCHURIA	.04	.08	.25	4	SYRIA	.04	.08	.25	3
CUBA	.04	.08	.10	3	MARTINIQUE	.04	.08	.10	2	TAIWAN (Formosa)	.04	.08	.25	4
CURACAO	.04	.08	.10	1	MAURITANIA	.04	.08	.25	2	TANGANYIKA	.04	.08	.25	5
CYPRUS	.04	.08	.25	3	MAURITIUS	.04	.08	.25	3	THAILAND	.04	.08	.25	3
CYRENAICA	.04	.08	.15	5	MEXICO	.02	.03	.06*	2	TIBET	.04	.08	.25	4
CZECHOSLOVAKIA	.04	.08	.15	2	MIDWAY ISLAND	.02	.03	.06*		TONGA ISLANDS	.04	.08	.25	5
DAHOMY	.04	.08	.25	2	MONACO	.04	.08	.15	2	TRIESTE	.04	.08	.15	2
DENMARK	.04	.08	.15	2	MONTERRAT, BWI	.04	.08	.10	6	TRINIDAD	.04	.08	.10	3
DODECANESE IS.	.04	.08	.15	2	MOROCCO, (Br. & Fr.)	.04	.08	.15	2	TRIPOLITANIA	.04	.08	.15	5
DOMINICA	.04	.08	.10	4	MOROCCO, (Spain)	.04	.08	.15	8	TRISTAN DA CUNHA	.04	.08	.25	
DOMINICAN REPUBLIC	.04	.08	.10	2	MOZAMBIQUE	.04	.08	.25	3	TUNISIA	.04	.08	.15	2
ECUADOR	.04	.08	.10	2	NAURU ISLAND	.04	.08	.25		TURKEY	.04	.08	.15	3
EGYPT	.04	.08	.15	2	NETHERLANDS	.04	.08	.15	3	TURKS ISLAND	.04	.08	.10	3
EIRE (Ireland)	.04	.08	.15	5	NETHERLANDS W. INDIES	.04	.08	.10	1	UGANDA	.04	.08	.25	5
ENGLAND	.04	.08	.15	6	NEVIS	.04	.08	.10	6	UNION OF SOUTH AFRICA	.04	.08	.25	6
ERITREA	.04	.08	.25		NEW CALEDONIA	.04	.08	.25	3	URUGUAY	.04	.08	.10	4
ESTONIA	.04	.08	.15	4	NEW FOUNDLAND	.02	.03	.06*		U.S.S.R.	.04	.08	.15	4
ETHIOPIA	.04	.08	.25	3	NEW GUINEA	.04	.08	.25	6	U. S. VIRGIN IS.	.02	.03	.06*	
FALKLAND ISLANDS	.04	.08	.10		NEW HEBRIDES	.04	.08	.25	3	VATICAN CITY	.04	.08	.15	2
FAEROES ISLANDS	.04	.08	.15	2	NEW ZEALAND	.04	.08	.25	6	VENEZUELA	.04	.08	.10	3
FIJI ISLANDS	.04	.08	.25	6	NICARAGUA	.04	.08	.10	3	WAKE ISLAND	.02	.03	.06*	
FINLAND	.04	.08	.15	2	NIGER	.04	.08	.25	2	YEMEN	.04	.08	.25	
FRANCE	.04	.08	.15	2	NIGERIA	.04	.08	.25	6	YUGOSLAVIA	.04	.08	.15	2
FRENCH CAMEROONS	.04	.08	.25		NORTH BORNEO	.04	.08	.25	7	ZANZIBAR	.04	.08	.25	6
FRENCH EQ. AFRICA	.04	.08	.25	3	NORTHERN IRELAND	.04	.08	.15	6					
FRENCH GUIANA	.04	.08	.10	2	NORTHERN RHODESIA	.04	.08	.25	7					
FRENCH GUINEA	.04	.08	.25	2										
FRENCH INDIA	.04	.08	.25											

* rate per ounce.

GREAT CIRCLE OUTLINE CHART OF THE UNITED STATES

Published by the U. S. Coast and Geodetic Survey



Great Circle Chart of the World Centered on THE UNITED STATES



To find the great circle bearing to any point in the world from the center of the United States, draw a straight line from the star and note the reading in degrees on the outer scale. The bar scale at the bottom of the chart can be used to determine the distance in statute miles. For bearings to the nearest degree reference is invited to the table on the opposite Page. The outlines of this chart were prepared by the U.S. Coast and Geodetic Survey.

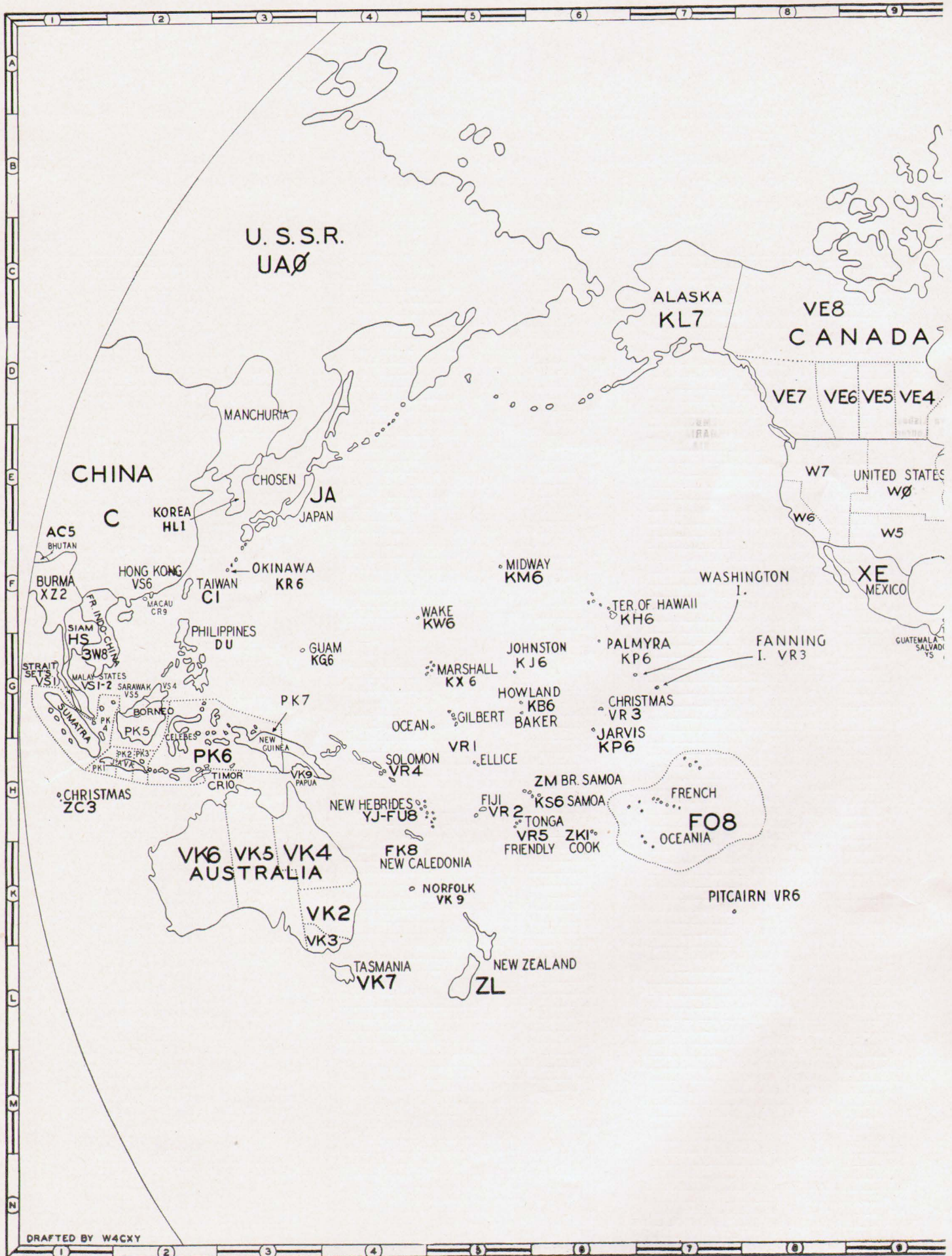
GREAT CIRCLE BEARINGS

FROM THE CENTER OF THE UNITED STATES

The table below shows the great circle bearing in degrees from the exact center of the United States to countries throughout the world having licensed radio amateurs. Where cities are shown the bearing to the nearest degree is given. These bearings were compiled from information supplied by the U. S. Coast and Geodetic Survey.

Prefix	Country	Bearing	Prefix	Country	Bearing	Prefix	Country	Bearing
AG3	SIKKIM	352	KL7	ALASKA, Anchorage	322	VK3	Melbourne	250
AG4	TIBET, Lhasa	350		Fairbanks	329	VK4	Brisbane	257
AG2	TRIESTE	41	KM6	MIDWAY ISLAND	288	VK5	Darwin	287
AP	PAKISTAN, Karachi	13	KP4	PUERTO RICO	117	VK6	Perth	274
AR8	LEBANON, Beyrouth	36	KP6	PALMYRA ISLAND	256	VK7	TASMANIA, Hobart	243
C	CHINA, Chungking	335	KR6	OKINAWA ISLAND	318	VK9	NORFOLK ISLAND	248
	Pekin	333	KS4	SWAN ISLAND	144		PAPUA TERRITORY, Port Moresby	277
	Shanghai	325	KS6	SAMOA	248	VO	NEWFOUNDLAND, St. John's	59
CE	CHILE, Santiago	156	KV4	VIRGIN ISLANDS	115	VP1	BRITISH HONDURAS	152
CM	CUBA, Havana	135	KW6	WAKE ISLAND	287	VP2	LEEWARD and WINDWARD ISLANDS	112
CN8	FRENCH MOROCCO, Casablanca	62	KX6	MARSHALL ISLANDS	276	VP3	BRITISH GUIANA, Georgetown	120
CP	BOLIVIA, La Paz	146	KZ5	CANAL ZONE	145	VP4	TRINIDAD	120
CR4	CAPE VERDE ISLANDS	87	LA	NORWAY, Oslo	29	VP5	JAMAICA	127
CR5	PORTUGUESE GUINEA	84	LI	LIBYA, Tripoli	51	VP6	BARBADOS ISLANDS	112
CR6	ANGOLA, Nova Lisboa	83	LU	ARGENTINA, Buenos Aires	147	VP7	BAHAMAS ISLANDS	121
CR7	MOZAMBIQUE, Lourenco Marques	85	LX	LUXEMBOURG	42	VP8	FALKLAND ISLANDS	156
	Mozambique	65	LZ	BULGARIA, Sofia	38		South Georgia Island	147
CR8	GOA	7	MB9	AUSTRIA, Vienna	38		South Orkney Islands	155
CR9	MACAU	327	MD1	CIRENAICA	46	VP9	BERMUDA	94
CR10	TIMOR ISLAND	295	MD2	TRIPOLITANIA	51	VQ1	ZANZIBAR	57
CT1	PORTUGAL, Lisbon	59	MD3	ERITREA, Asmara	44	VQ2	NORTHERN RHODESIA, Lusaka	77
CT2	AZORES ISLANDS	67	MD4	BRITISH SOMALILAND	40	VQ3	TANGANYIKA, Dar-Es-Salaam	59
CT3	MADERIA ISLANDS	68	MD5	SUEZ CANAL ZONE	40	VQ4	KENYA, Nairobi	56
CX	URUGUAY, Montevideo	145	MD6	IRAQ, Baghdad	30	VQ5	UGANDA	59
DL	GERMANY, Berlin	37	MD7	CYPRUS	37	VQ6	BRITISH SOMALILAND	40
DU	PHILIPPINE ISLANDS, Manila	316	MF2	TRIESTE (British)	41	VQ8	CHAGOS ISLANDS	14
EA	SPAIN, Madrid	54	M13	ERITREA, Asmara	44		Mauritius	51
EA6	BALEARIC ISLANDS	52	MP4	BAHRAIN ISLANDS and OMAN	28	VQ9	SEYCHELLES	38
EA8	CANARY ISLANDS	71	OA	PERU, Lima	153	VR1	GILBERT ISLANDS	267
EA9	SPANISH MOROCCO	59	OH	FINLAND, Helsinki	25	VR2	FIJI ISLANDS	251
EI	IRELAND, Dublin	43	OE	AUSTRIA, Vienna	38	VR3	FANNING ISLAND	252
EK1	TANGIER ZONE	60	OK	CZECHOSLOVAKIA, Prague	38	VR4	SOLOMON ISLANDS	110
EL	LIBERIA, Monrovia	86	ON	BELGIUM, Brussels	41	VR5	TONGA ISLANDS	144
EP	IRAN, Tehran	23	OQ5	BELGIAN CONGO, Elisabethville	74	VR6	PITCAIRN ISLAND	108
ET	ETHIOPIA, Addis Ababa	48		Leopoldville	76	VS	MALAYA, Singapore	126
F	FRANCE, Paris	44		Stanleyville	65	VS4	BRITISH NORTH BORNEO	114
FA	ALGERIA, Algiers	54	OX	GREENLAND, Godthaab	34	VS5	BRUNEI and SARAWAK	316
FBB	MADAGASCAR, Antsirana	53	OY	FAEROES ISLANDS	34	VS6	HONG KONG	126
	Tananarive	63	OZ	DENMARK, Copenhagen	34	VS7	CEYLON	1
FC	CORSICA	46	PA	NETHERLANDS, Amsterdam	40	VU	ADEN, Aden	33
FDB	TOGOLAND	77	PK	JAVA, Batavia	317		INDIA, Bombay	8
FEB	FRENCH CAMEROONS	72	PK4	SUMATRA	328		Calcutta	101
FFB	FRENCH WEST AFRICA, Dakar	84	PK5	BORNEO	314		Delhi	3
FGB	GUADELOUPE	114	PK6	CELEBES ISLAND	305	VU4	LACCADIVE ISLANDS	9
FIB	FRENCH INDO CHINA, Saigon	328	PK7	NETHERLAND NEW GUINEA	290	VU5	ANDAMAN ISLANDS	345
FK8	NEW CALEDONIA, Noumea	254	PX	ANDORRA	50	XE	MEXICO, Mexico City	178
FL8	FRENCH SOMALILAND, Djibouti	42	PY	BRAZIL, Natal	112	XZ	BURMA, Rangoon	142
FMB	MARTINIQUE	117		Rio de Janeiro	129	YA	AFGHANISTAN, Kandahar	13
F08	FRENCH OCEANIA, Tahiti	229	PZ	SURINAM, (Netherlands Guiana)	121	YI	IRAQ, Baghdad	30
FPS	MIQUELON and ST. PIERRE IS.	64	SM	SWEDEN, Stockholm	29	YJ	NEW HEBRIDES	120
FQB	FRENCH EQUATORIAL AFRICA	65	SP	POLAND, Warsaw	33	YK	SYRIA	34
FBB	REUNION ISLAND	55	ST	ANGLO-EGYPTIAN SUDAN, Khartoum	49	YN	NICARAGUA	150
FT4	TUNISIA, Tunis	50	SU	EGYPT, Cairo	41	YO	ROMANIA, Bucharest	36
FUS	NEW HEBRIDES	259	SV	GREECE, Athens	41	YS	SALVADOR, San Salvador	136
FYS	FRENCH GUIANA, Cayenne	117	SV5	DODECANESE ISLANDS	40	YT	YUGOSLAVIA, Belgrade	39
G	ENGLAND, London	43	TA	TURKEY, Ankara	35	YV	VENEZUELA, Caracas	126
GC	CHANNEL ISLANDS	45	TF	ICELAND, Reykjavik	35	ZA	ALBANIA, Tirana	41
GD	ISLE OF MAN	41	TG	GUATEMALA, Guatemala City	161	ZB1	MALTA	48
GI	NORTHERN IRELAND, Belfast	42	TI	COSTA RICA	150	ZB2	GIBRALTAR	58
GM	SCOTLAND, Glasgow	40	TR	LIBYA, Tripoli	51	ZC1	TRANSJORDAN	36
GW	WALES	43	TY	TANHU TUVA, Kyzyl Khoto	351	ZC2	COCOS ISLANDS	327
HA	HUNGARY, Budapest	37	U	SOVIET UNION, Moscow	23	ZC3	CHRISTMAS ISLAND	315
HB	SWITZERLAND, Bern	43	UB5	UKRAINE	30	ZC4	CYPRUS	37
HC	ECUADOR, Quito	148	UC5	WHITE RUSSIA	25	ZD1	SIERRA LEONE, Freetown	81
HCB	GALAPAGOS ISLANDS	167	UD6	AZERBAIJAN	23	ZD2	NIGERIA, Lagos	76
HE1	LEICHTENSTEIN	43	UF6	GEORGIA	28	ZD3	GAMBIA	84
HH	HAITI, Port-au-Prince	124	UG6	ARMENIA	26	ZD4	GOLD COAST, Accra	80
HI	DOMINICAN REPUBLIC	122	UH8	TURKOMAN	19	ZD6	NYASALAND	60
HK	COLOMBIA, Bogota	140	UI8	UZBEK	12	ZD7	ST. HELENA	100
HLI	KOREA, Seoul	324	UJ8	TADZHIK	7	ZD8	ASENCION ISLAND	99
HP	PANAMA	145	UL7	KAZAKH	10	ZD9	TRISTAN da CUNHA	122
HR	HONDURAS	152	UM8	KIRGHIZ	5	ZE	SOUTHERN RHODESIA, Salisbury	77
HS	SIAM, Bangkok	336	UN1	KARELO-FINNISH REPUBLIC	20	ZK1	COOK ISLANDS	234
HV	VATICAN CITY	45	UO5	MOLDAVIA	32	ZK2	NIUE	242
HZ	SAUDI ARABIA	34	UP	LITHUANIA	30	ZL1	NEW ZEALAND, Auckland	238
I	ITALY, Rome	45	UQ	LATVIA	29	ZL2	Wellington	234
IS	SARDINIA	48	UR	ESTONIA	27	ZL3	Christchurch	233
JA	JAPAN, Tokyo	315	VE1	CANADA, Halifax	68	ZL4	Dunedin	231
KB6	BAKER ISLAND	262	VE2	Montreal	64	ZM6	SAMOA (British)	248
KC6	CAROLINE ISLANDS	260	VE3	Toronto	77	ZP	PARAGUAY, Asuncion	141
KQ4	GUANTANAMO BAY, Cuba	126	VE4	Winnipeg	10	ZS	UNION OF SOUTH AFRICA, Capetown	104
KQ6	GUAM	297	VE5	Saskatoon	339		Durban	91
KQ61	IWO JIMA ISLAND	317	VE6	Edmonton	330		Johannesburg	89
KQ65	SAIPAN ISLAND	297	VE7	Vancouver	308	ZS3	SOUTH WEST AFRICA, Windhoek	92
KQ67	TIRIAN ISLAND	297	VE8	Port Nelson	333	ZS7	SWAZILAND	87
KH6	HAWAIIAN ISLANDS, Honolulu	267	VK1	HEARD ISLAND	163	ZS8	BASUTOLAND	93
KJ6	JOHNSTON ISLAND	270	VK2	AUSTRALIA, Sydney	252	ZS9	BECHUANALAND	87

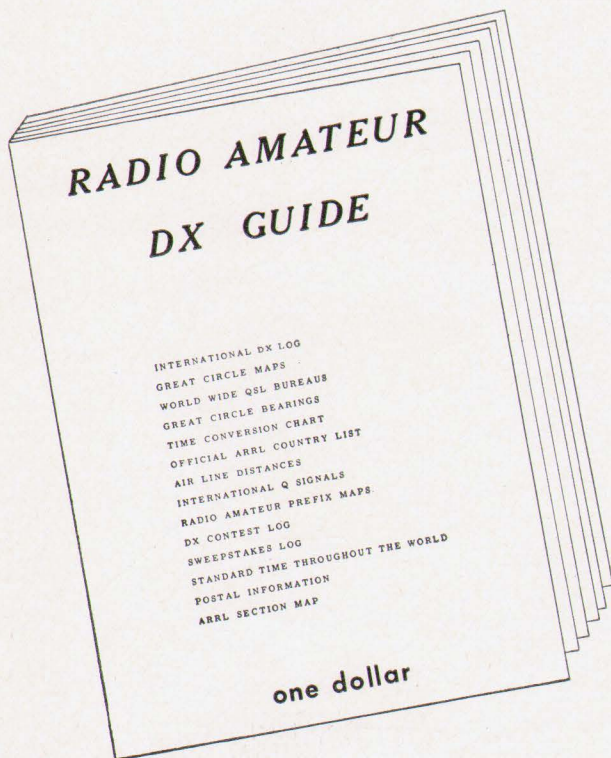
WORLD MAP SHOWING



MAP OF
THE WORLD
SHOWING
RADIO AMATEUR PREFIXES

COPYRIGHT
RADIO AMATEUR CALL BOOK, INC.
CHICAGO

COPYRIGHT
RADIO AMATEUR CALL BOOK, INC.
CHICAGO



A HANDY REFERENCE BOOK FOR ALL RADIO AMATEURS

The RADIO AMATEUR DX GUIDE

fills a definite need for a handy book to have around the ham shack for reference purposes. Printed on a good grade of paper each page is perforated so that it can be easily removed for mounting under glass or on the wall.

JUST LOOK AT THIS TABLE OF CONTENTS

INTERNATIONAL DX LOG

This log lists all countries having licensed radio amateurs by prefix. Ample space is provided to make a permanent record of all DX stations worked; showing the date, call letters, frequency and whether a QSL card has been sent or received. All countries that qualify for DXCC are listed.

WORLD MAP SHOWING RADIO AMATEUR PREFIXES

This is an outline map of the world with all radio amateur prefixes. Total size 15 x 10 inches. Excellent for mounting.

GREAT CIRCLE MAPS

Three great circle maps are included centered on San Francisco, California; the center of the United States and New York, N. Y.

GREAT CIRCLE OUTLINE CHART OF THE UNITED STATES

Published by the U. S. Coast and Geodetic Survey, it is possible to determine the great circle bearing between any two points in the United States, with the proper use of this map.

PREFIX MAP OF SOUTH AMERICA

An outline map of South America showing the number or letter designating all sections and countries. Very handy for determining just what part of each country is heard or worked.

ARRL SECTION MAP

One copy of this map is included which shows all of the ARRL sections in the United States. These maps can be used for checking off the different sections worked during ARRL contests.

GREAT CIRCLE BEARING TABLES

Each of these bearing tables are printed on a separate sheet which is perforated for easy removal of the one nearest to your location. Over 250 bearings are shown on each table and where cities are listed the bearing to the nearest degree is given. Bearings are included on the following points: Atlanta, Ga.; Boston, Mass.; Buffalo, N. Y.; Chicago, Ill.; Center of the USA; Denver, Colo.; Detroit, Mich.; Houston, Tex.; Jacksonville, Fla.; Kansas City, Mo.; Los Angeles, Cal.; Louisville, Ky.; Miami, Fla.; Minneapolis, Minn.; New Orleans, La.; San Francisco, Cal.; Seattle, Wash.

GREAT CIRCLE BEARINGS TO WORLD WIDE METROPOLITAN AREAS

Exact bearings are shown in this table to the nearest degree, from 39 cities in the USA to the same number of metropolitan areas throughout the world.

GREAT CIRCLE BEARINGS IN THE UNITED STATES

This table includes bearings between 39 large cities in the USA. Accurate to the nearest degree it is a valuable aid for VHF work as well as handling traffic through QRM.

TIME CONVERSION TABLE

With this time conversion table you can determine the time in any time zone in the world. Also provision is made to know whether it is today or tomorrow at the place heard or worked.

TIME THROUGHOUT THE WORLD

This page includes a list of time zones of countries the world over and an explanation of the International Time Zone System. Compiled by the National Bureau of Standards.

AIR LINE DISTANCES IN THE UNITED STATES

Arranged in alphabetical order, this page shows the air line distance between 39 cities in the United States. Compiled from information prepared by the U. S. Coast and Geodetic Survey.

INTERNATIONAL Q SIGNALS

All of the "Q" signals have been arranged on one page for instant reference.

POSTAL INFORMATION

This page shows the postal rates for QSL cards, first class and air mail letters to all foreign countries. Also the number of international reply coupons for sufficient postage for a return air mail letter is shown for most countries.

WORLD WIDE QSL BUREAUS

A complete list of all of the International QSL Bureaus, right up to date, are shown, compiled from the records of the CALLBOOK.

ARRL COUNTRIES LIST

Official list of ARRL DX contest and postwar DXCC. Courtesy ARRL.

DX CONTEST AND FIELD DAY LOG

This section contains a log that can be used either for a DX contest or the annual ARRL field day.

COMPASS ROSE

How often have you wanted a compass for that rotary beam indicator? Two compass roses are provided. One with white background and no printing on the reverse side of the sheet. The other has a black background. Both are graduated for 360 degrees.

PRICE: ONE DOLLAR

ON SALE AT YOUR FAVORITE RADIO PARTS DISTRIBUTOR OR DIRECT FROM:

RADIO AMATEUR CALL BOOK, INC.

608 SOUTH DEARBORN STREET

CHICAGO 5, ILLINOIS